



# LARC



Volume 57, Number 5

ACADIANA AMATEUR RADIO ASSOC., INC. - a 501(c)3 Corporation

May 2017

## Hello Club Members! By Eric Credeur AARA President

As was discussed at our March General Meeting I'm taking the lead on an effort to create working groups within our club. The concept behind a working group is to help concentrate the ideas and efforts of club members around a common interest or cause. Being part of a working group is quite easy and you can even lead one yourself! There are only two requirements for a working group.

The first is that the members of the working group must meet twice a month. This ensures that there is an active flow of ideas and a steady stream of effort. This also helps to encourage collaboration and prevents that feeling of stagnation. The second requirement is that the working group must present on what was accomplished by the group during the monthly General Meeting. Presenting updates on activities fosters accountability and also increases interest in the group by members looking to become more active.

A working group can focus on something as simple as solving a problem, such as creating a much needed adapter, or more long term in nature, like how to bring amateur radio into public schools. No matter the topic, a working group is simply a way for acknowledging efforts and allowing other members to get involved! Besides, doing this alone is never much fun.

We currently have a few working groups waiting for members to join:

### Field Day Radio Support Team

Lead by Mr. Larry LeBlanc (KE5KJD), this group is focused on the support for radio operations during our Field Day event. An example of the activities that this group might undertake would include building chokes to keep RF on the coax from causing problems at operating stations.

### Field Day

Lead by Mr. Bob Cooley (K5IVR), this group is focused on the actual planning of our Field Day event. An example of the activities that this group might undertake is identifying a location, or building a list of operators to man stations during the event.

### Education

Lead by Mr. Paul McCasland (N5KNY), this group is focused on the application and theory associated with radio in general. An example of this group's activities is already underway with year-round radio courses aimed at getting new hams trained and ready to past their first license test.

### EMCOMM

EMCOMM stands for emergency communications and is lead by Mr. Glen Thibodeaux (KF5FNP). A perfect example of this group's activities was actually discussed and approved during the last General Meeting. They are going to standardize the club owned radio equipment to make it easier to use for new hams as well as in emergency response situations.

### Digital Presence

Lead by Mr. Eric Credeur (KG5JHP), this group is focused on the club's online presence. An example of this group's activities would include finding a new web host in the effort to modernize the club's website.

### Public Relations

Lead by Mr. Herman Campbell (KN5GRK), this group is focused on the club's public representation. One major component of this group's efforts is the monthly publication you're reading right now.

After reading through the list of options I'm sure there's a group that you're ready to join; and joining couldn't be easier. Simply fill out the online form at:

<http://bit.ly/wgSignUp>

You can also speak to an existing group member during one of our events, but do take a moment to complete the online form. Doing so make it much easier to keep everyone informed.

If you have an idea for a new working group or would like to share an idea that would be perfect for an existing working group, then head over to:

<http://bit.ly/wgIdea>

and complete the feedback form. Your ideas will be channeled to the appropriate group or I'll be in touch with you about setting up your own working group.

I would like to say "Thank you!" to those who stepped up to lead our first working groups. I'm super excited about the great ideas and projects that will come out of our efforts. I'm also incredibly hopeful that these working groups will act as pathways for new members to quickly get started in the amazing hobby that is amateur radio.

Eric Credeur

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Callsign: KG5JHP

Email: [eric@ericcredeur.com](mailto:eric@ericcredeur.com)

Cell: 337-351-5519

## MAY 4<sup>TH</sup> AARA GENERAL MEETING

**Thursday, May 4, 2017 7:00 PM @ LAFAYETTE SCIENCE MUSEUM - 433 Jefferson St, Lafayette, LA 70501. Enter doors on 183 E. Convent St. - VE TESTING AT 6:00 PM!**

**DATES TO REMEMBER****GENERAL MEETING**

May 4, 2017 @ 7:00 PM

Lafayette Science Museum

433 Jefferson St. Lafayette, LA

VE Testing @ 6:00 PM

<http://www.w5ddl.org/clubsite/>**Local 2-Meter Nets**

Monday

AARA Monday Night Net 7:00 PM

Repeater Rotation - See calendar on page 7

Tuesday

Acadiana ARES Net 7:00 PM

145.370 - PL 103.5 Lafayette, LA

Wednesday

Silent Key Memorial Net 6:30 PM

145.410 No PL New Iberia, LA

Thursday

Youth Net 7:00 PM

146.820 - PL 103.5 Lafayette, LA

EchoLink Node: 759629

**AARA OFFICERS 2017 - 2018**President - Eric Credeur KG5JHP  
[eric@ericcredeur.com](mailto:eric@ericcredeur.com)

Vice Pres. - Larry LeBlanc KE5KJD

Secretary - Ramona Jobe KG5HNO

Treasurer - Tom Dischler W5OHJ

**BOARD MEMBERS**

Glen Thibodeaux KF5FNP

Chris Ancelet KG5MCY

Paula Romero KF5CNS

**YOUTH MEMBER**

Page Romero KG5VPR

**QSL MANAGER**

Roland Guidry - NA5Q

**NEWSLETTER EDITOR &****PUBLIC INFORMATION OFFICER**

Herman Campbell - KN5GRK

337-234-5364 [kn5grk@lusfiber.net](mailto:kn5grk@lusfiber.net)**AARA REPEATER GROUP**

Charlie Morrison N5WE - Trustee

Derek Meche WM5TS

Dave Redfern N4ELM

Glen Thibodeaux KF5FNP

**LCARC DELEGATES**

Fred Marshall W5MLE

Glen Thibodeaux KF5FNP

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**APRIL 6, 2017 AARA  
GENERAL MEETING MINUTES**

Eric, KG5JHP, AARA President, called the meeting to order at 7:00 p.m. Larry, KE5KJD, gave our opening prayer and the Pledge of Allegiance was recited and Sandy, KE5KJF, said the Pledge of Allegiance in Cajun French.

**March Minutes**

Danny, KD5JSM, made a motion to accept the March meeting's minutes and was seconded by Herman, KN5GRK. It was passed by membership.

**March Treasurer's Report**

Tom, W5OHJ, gave a treasurer's report along with a budget report. Herman, KN5GRK, made a motion to accept the treasurer and budget report and was seconded by Jackie, KF5PCH. It was passed by the membership.

**FIELD DAY:**

We are not sure if we can get the Horse Farm this year due to proposed construction that may be going on. Paul, N5KNY, will try and put out some feelers about where we can possibly have Field Day this year. Bob, KG5AYK, will be the coordinator for Field Day.

Bob, KG5AYK, made a motion to accept insuring our equipment for the coming year and was seconded by Glen, KF5FNP.

Eric, KG5JHP, Club President, would like to have a list of committees to divide up the work of running the club as follows:

- ♦ Eric, KG5JHP, will head up the website committee.
- ♦ Glen, KF5FNP, will be handling basic emergency communications.
- ♦ Larry, KE5KJD, will be making Baluns.

The Educational Committee will be theory and applications. We would like to have some of our Elmers step up and lend their expertise on different areas for Ham Radio and help out the new incoming technicians.

We may be looking into having a Saturday class for newcomers.

Herman, KN5GRK, has been doing the LARC newsletter for 11 years now. He will be stepping down and December 2017 will be his last issue of the LARC. He will continue the job of printing and mailing out the hardcopies to those on his mailing list. He will also continue his e-mail reflector as long as possible.

If you are interested in taking over as LARC Editor, please contact Eric, KG5JHP.

The club is looking for a new home to house AMOS and the antenna trailer. We would like to keep both of them in the Lafayette area if at all possible so it would be easily accessible by the club. Bob, K5IVR, will check into a place to store them possibly at UL.

Larry, KE5KJD, gave a talk on Improving the Signal to Noise Ratio in your Ham shack.

Glen, KF5FNP, went over the SkyWarn activation we had during the last severe weather storm. The most vital information you can give during the SkyWarn activation is the location of your observations which is the major cross streets in your area. This lets other people from across the state know where the weather is passing through at the time you are on the radio. All in all we held up our end during the severe weather and Glen thanked all for a "Job Well Done".

Door prizes were given out and the meeting adjourned at 8:55 p.m. Our next meeting will be May 5, 2017.

There were 36 in attendance.

Minutes submitted by:  
Ramona KG5HNO  
AARA Secretary

## April 6, 2017 VE Test Session Results



The test session of April 6, 2017 was small but successful. We now have three new Techs added to the Amateur Radio Community. The team for the session was: Greg ~ K5LFT, Pat ~ ND5C, a first timer with us, Charlie ~ N5WE, Ric ~ KF5KEL & our long distance VE, Brett ~ KG5IQU.

Those receiving their Tech Tickets were: Barrett Oge KG5SSO from Duson, Evan Norman from Church Point & Mike Davis KG5SSM from Lafayette (The son of KD5ZZM, Chuck).

Thanks to all participants !!!!!!! 73, de GREG ~ K5LFT

## APRIL 6, 2017 AARA BOARD MEETING

The Board Meeting was called to order at 6:00 p.m. by Eric Credeur, KG5JHP, AARA President

Charlie Morrison, N5WE, gave a quick update on the 147.040 W5EXI located in Duson, LA. This repeater now has EchoLink capabilities and can be linked to the 145.370 SkyWarn repeater. More information will be made public in the near future.

Insurance coverage is due in May will be \$300 for the year. Tom, W5OHJ, said we could buy \$25,000 worth of insurance for all our equipment and AMOS for \$350 per year through the ARRL.

Field Day will be the last full weekend in June on the 24<sup>th</sup> & 25<sup>th</sup>. Glen, KF5FNP, and Chris, KG5MCY, will head up finding a location for Field Day.

A budget of \$4,000 was discussed to have AMOS ready for Field Day and also before hurricane season starts. The HF and VHF radios in AMOS should be identical in case of an emergency so anyone can operate them.

Glen, KF5FNP will donate any inside wiring for "Go-Kits" for AMOS.

Meeting adjourned at 6:45 p.m.

Members present were:

Eric KG5JHP, Tom W5OHJ, Paula KF5CNS, Ramona KG5HNO, Herman KN5GRK, Chris KG5MCY, Larry KE5KJD and guest Charlie N5WE.

Ramona Jobe KG5HNO  
AARA Secretary

## Black Bear Festival Special Event Station W5BMC

On Saturday, April 22, 2017, the Morgan City ham radio club BEARS (Bayouland Emergency Amateur Radio Service) participated in holding a Special Event Station celebrating the Black Bear Festival along the Bayou Teche in Franklin, Louisiana.

Using a Icom IC-718, LDG auto tuner and a off-center fed antenna for 40 & 20 meters @ 20 feet. After some radio problems, they went on the air around 10:00 AM and ended around 4:00 PM in the afternoon.

The weather was very nice along the beautiful Bayou Teche which was lined with food booths and craft venders.

Some of the members of the Acadiana Amateur Association, Inc. came out and joined in on the fun. All-in-all, a great time to put on a Special Event!



**Seated Left:** Ramona Jobe KG5HNO

**Standing Front Right:** Esther Simon N5YOP

**Front Row Left to Right:** Deborah Price N5FMI, Rudy Duchan

WA5QNH, Herman Campbell KN5GRK, Mel Simon WD5CAE

**Back Row Left to Right:** Jackie Price KA5LMZ, Margaret Musso XYL of SK Frank Musso WA5QHV, Frank Price N5LOD

## Looking Forward to Field Day

by Larry LeBlanc, KE5KJD

In previous years, we have improved our Field Day operations with better antenna placement, use of GO KITS by operators who know how to operate their own gear, bandpass filters on each of the major bands, MESH wireless for logging to a common data base, and discipline in operating on designated bands only, and even one year, thanks to Archie W5AG and Dave N4ELM, operating of a single Triband beam with two transmitters at the same time. Another improvement has been the good attendance over the operating period, especially the early morning hours between 2 AM and 6 AM.

This year, we hope to try a few things that may make operating even easier for all operators. First, we will attempt to maximize the distance between antennas by using our club's stock of coax. In addition, we plan to have common mode (CM) filters on each station, which should help remove some of the energy impinging on the coax shields and verticals in the area. Also, if the tests work out, we will use additional coax stub filters to reduce the impact of stations on each other. If interested in the coax stub approach, you can google it and have a full day of reading. You also can watch a short presentation by a club that faced the same problems that we do.

(<https://www.youtube.com/watch?v=mjfdTJIY6To>) and ([http://www.qsl.net/ak6r/coax\\_stubs.htm](http://www.qsl.net/ak6r/coax_stubs.htm)) and "Lessons from King George Amateur Radio Club 2015 Field Day Tuned Stubs Experiment" ([https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwjpxtPdkMHTAhUFw4MKHX8MACKQFggkMAA&url=http%3A%2F%2Fwww.qsl.net%2Fkgaro%2Ffiles%2FAnt%2520Tuning%2520Stubs%2520\(main\).pptx&usq=AFQjCNHIKCoLoCu9QmEhP8vDgdQuLRcO6w&cad=rja](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwjpxtPdkMHTAhUFw4MKHX8MACKQFggkMAA&url=http%3A%2F%2Fwww.qsl.net%2Fkgaro%2Ffiles%2FAnt%2520Tuning%2520Stubs%2520(main).pptx&usq=AFQjCNHIKCoLoCu9QmEhP8vDgdQuLRcO6w&cad=rja))

*One additional technique which we may need to use is to limit power on stations that have trouble with blanking out other bands. Hopefully, the full complement of tricks will work without reducing anyone's power level. We may run some experiments during Field Day to see if we can operate CW and phone on the SAME band. If we don't get it done this year, than maybe we can try next year.*

## Foundation for Amateur Radio, Inc Scholarship

The Foundation for Amateur Radio, Inc. will be awarding a total of 57 scholarships, worth an aggregate of \$94,575 for the 2017/2018 academic year. Those scholarships range in value from \$500 to \$5,000 each.

Note that the QCWA and Chichester scholarships have a requirement that you obtain a recommendation from the QCWA or an ARRL affiliated club, respectively. When you apply, you are applying for all of the scholarships for which you qualify. Getting the recommendations qualifies you for an additional \$38,000 in scholarships!

A complete description of the 2017 scholarships that were awarded may be found at:

**<http://www.farweb.org/scholarship-information>**

Kendra Wilson KF5FYS, (AARA Member), is looking to apply for a scholarship and she will need some recommendations from QCWA or ARRL affiliated clubs.

We are sure if you ever checked into the Youth 2 Meter Net on the 146.820 W5DDL repeater direct or by EchoLink Node: 759629 at 7:00 PM or 0000 UTC, you could not refuse to support her in her quest for a scholarship in this Foundation.

## Armed Forces Day Crossband Communications Test Set for Saturday, May 13

US Army, Air Force, Navy, and Coast Guard stations will participate in the annual Armed Forces Day Crossband Communications Test on Saturday, May 13. This annual HF communication interoperability event, sponsored by the Department of Defense since 1934, challenges Amateur Radio operators to contact military stations across the US.

The event marks the 66th annual Armed Forces Day (AFD), officially on May 20. The AFD Crossband Military-Amateur Radio event takes place a week earlier in order to avoid schedule conflicts with those attending Hamvention.

Radio amateurs will transmit on Amateur Radio frequencies and listen on military frequencies, while military stations will transmit on military frequencies and listen on Amateur Radio frequencies. The annual event tests two-way communication between radio amateurs and military stations (authorized under §97.111 of the Amateur Service rules). It features traditional military-to-amateur crossband SSB voice, CW, practice using legacy interoperability waveforms, and the opportunity for participating hams to utilize more modern military modes, such as MIL-STD Serial PSK and Automatic Link Establishment (ALE). Military stations and Amateur Radio stations are authorized to communicate directly on certain 60-meter interoperability channels -- 5,330.5, 5346.5, and 5,371.5 kHz.

Select stations will transmit the Armed Forces Day message using Military Standard mode M188-110A. Amateur Radio operators may download software to receive the broadcast.

Shortwave listeners are welcome to participate. Complete details, including stations, times, and operating modes are on the US Army MARS website.



**The creation of Armed Forces Day was announced on August 31, 1949 by Secretary of Defense Louis Johnson. It was meant to replace separate Army, Navy, Marine Corps and Air Force Days.**

## PAT SONNIER W5WMU - SILENT KEY

By Charles Morrison N5WE

On April 6<sup>th</sup>, 2017 the Lafayette ham community suffered yet another silent key in Dr. Pat Sonnier, W5WMU who passed away at the age of 78. With Dr. Pat's passing, Lafayette lost one of the best, most kindest, and most professional family physicians ever to practice in Lafayette. For those of us who knew him outside of his office, we lost a friend, an Elmer and a contest partner.

Pat was first licensed in 1953, I can still see the license hanging on the wall at the camp. From an early age, Pat took to the contesting aspect of ham radio. The amount of QSO's and contacts he could make in one weekend was far more important than the paper that accompanied them. Much more than collecting countries, much more than local rag chewing, and almost as much as building his station to make those contacts. After returning to Lafayette following med school and opening his practice, of course life and family took center stage, but ham radio was never far away. At one point he purchased land between Lafayette and Breaux Bridge to build his contest station.

The original W5WMU was nothing more than a few towers and what I'd call a snow-ball stand shack. Those wood and tin buildings that you can drop off the back of a truck. He and Dr. Azar, N5AN talk about stories of working contests in the freezing cold with only the tubes of the radios and amplifiers to keep them warm. Pat was dedicated to that station and it shows as it continued to grow over the years, right up until the time of his passing. One building turned into 2, which turned in to 3 which turned into 4 and so on. Towers seemingly multiplied like rabbits, to the point that after the final straw of a hurricane he decided to forgo using rotators and just had dedicated towers on dedicated bands in dedicated directions. Let that sink in.

My first encounter with Pat happened accidentally. Driving towards Baton Rouge one afternoon, I happened to glance over to the south and saw what my now ham radio accustomed eyes recognized as amateur radio antennas.. and lots of them. I made a note that I'd find that place when I got back to town. Heading south on the Thruway I knew that it was south of I-10 and East of Hwy 90. So after winding through back streets and country roads, I came upon the gate and stood there in awe. Perhaps 20 towers stared back at me. I had to find out who owned this place.

It was later in the week when the AARA Lunch Bunch met at BJ's Pizza that I discovered through Jim Moore, WU3V that it belonged to Pat, and that he'd in fact

be going out this weekend if I wanted to come. Of course I did, and was instructed to bring my radio, power supply and TNC, we were RTTY contesting. Arriving on site with my box of equipment, I was introduced to Pat and immediately received a bit of a skeptical eye. That grew even more as I unpacked my rig and set it up, for them to all discover I had no filters in the radio and thus no real way to use it in a packed band during a contest. Many years later Pat would still remember that, "I remember the first time you came out here with all that computer stuff and no filters in your rig".

My interests in ham radio changed as I finished school and got busy with work and getting on in life. After a few years getting on my feet I returned and of course immediately hooked back up with Dr. Pat. I wanted to make a serious effort to RTTY contest and his station was always open during those weekends. He welcomed me with open arms, at one point actually thanking me for lighting a spark in him that made him want to redouble his efforts in station maintenance and contesting. He encouraged me, fed me, gave me full use of his station, repaired my mistakes and even operated with me. I was quite successful in RTTY competition, at one point finally winning CQWW North America. Pat and I were extremely successful in the North American QSO Parties as a Multi-Two SSB station. It was a great time.

My contesting has slowed considerably in the past years since I got married and adopted a full family with a full schedule. Pat had expanded out of the state, building a full-fledged contest station in Maine, to get ever so close to the prime contest region, Europe. He hosted many successful contests, alone and often with groups of other famous contesters. His health had slowed him down towards the end, but he never stopped thinking about radio, purchasing a new rig at the hamfest with the intent of traveling rover in the Florida QSO Party along with his wife, Alice. Unfortunately he never got to actually use it in that contest as his untimely passing rendered his key forever silent. I will miss my friend, teacher and partner.

73 Dr. Pat.



## FYI

By Herman Campbell KN5GRK  
LARC Editor

As stated at the April General Meeting, I made it known that the December 2017 issue of the LARC newsletter would be my last issue. I will continue to print, label, stamp and put the hard copies in the mail to those on my mailing list, hopefully someone will pick up when I retire as editor.

I will continue to run my e-mail reflector as long as I possibly can do so.

On the April 26<sup>th</sup> *Silent Key Memorial Net*, Ramona KG5HNO, Net Manager and NCS, took a survey from members that normally check into the net to see if they would prefer moving the net up one/half hour (6:30 PM instead of 7:00 PM) to try to pick up attendance, most agreed to do so. It seems that at 7:00 PM most are busy checking in on HF nets at that time.

As of today, April 29, 2017, John Mark Robertson, K5JMR, is our new, duly appointed Section Emergency Coordinator. Please welcome him into new position.

73,  
Scott Wren, KD5DFL  
Louisiana ARRL Section Manager  
[www.laarrrl.org](http://www.laarrrl.org)

Within the next week, the on-line AARA Membership Roster will reflect only those who have paid their 2017 membership dues.

A membership application may be downloaded and printed at:

<http://www.w5ddl.org>

Please print clearly and mail to the address listed on the application.



## Charles "Chuck" Davis KE5ZZM - Silent Key



Funeral services were held on April 11, 2017 at 2:00 pm in the Sunrise Chapel at Walters Funeral Home for Charles S. Davis, 53, who passed away April 7, 2017 at his residence.

Charles Stephen Davis, better known as "Chuck", was born in Frankfort, Germany to Janet Grossie Davis and the late John Carol Davis. He was a devoted and loving husband, father, son, grandpa, brother, uncle, and friend to many. With an infectious personality and an incredible gift of gab, Chuck made friends with anyone and everyone, wherever he went.

Being the second son of a career military man and a "military brat", he was a world traveler well before his teenage years. Chuck spent the first six months of his life in Hanau, Germany before moving with his family to Fort Hood, Texas. After two years in Texas, the family moved again, but this time to Okinawa Prefecture in Japan, an experience that Chuck would never forget about. Three years in Japan came and went, and before long the family moved once again back to the States for assignment at Fort Lewis, Washington. Chuck's dad was deployed to Vietnam during their stay at Fort Lewis, so the family moved to Okmulgee, Oklahoma for a year while praying for their father's safe return. Once the Vietnam tour was over, the family moved back to Fort Lewis, Washington for 3 years before Chuck finally returned to Lafayette at age 13. Attending North Side High upon his return to Lafayette, Chuck proved too smart for his own good. Easily bored, Chuck found many mischievous activities to serve as an outlet for his talents. A prime example of Chuck's daily activities, one day teenage Chuck and his friends came across a car in the Northside Wal-Mart parking lot and decided to take the car for a joyride. Realizing the car had mechanical problems, they decided instead to fix the car, and returned it to the exact same spot they found it with a note describing the repairs they had done.

He was a member of the Acadiana Amateur Club U.S. Signal Core Regiment and best known to many of his friends through his home business, "Chuck's Electronics" which he operated from 1989 until the time of his passing. Through his passion for all things electronic, he demonstrated his immense talents for being able to fix just about anything on the planet. Chuck was a man of significant talents, and any attempts to truly describe the generous, kind, enigmatic, personable, empathetic, encouraging, and downright self-less man that was Chuck Davis is just simply not possible. A true jack of all trades with a silver tongue, Chuck is a soul that will greatly missed by many the world over.

I don't think you will find a ham radio operator in the Acadiana area that Chuck has not helped in one way or another, whether it be climbing a tower, installing an antenna, repairing equipment or just giving advice from his outstanding memory knowledge base of all kinds of electronic parts. All this, he gave freely without any rewards.

## Electromagnetic Pulse Reading List

by Archie Hill W5AG

Most hams have experience checking in to traffic nets and perhaps have an understanding of the higher level nets that can pass messages to any location in the U. S. I have attempted to learn how to do this with the CW nets that roughly parallel a similar structure with the voice nets. In the case of CW there are some slow nets and at one time at least one training net out of Dripping Springs, TX. It is a good way to practice CW and learn about the message format and abbreviations used in traffic nets. But after a while I dropped out and concentrated on contests and making DX contacts. Well the subject of this column is Electromagnetic Pulse EMP and how you can learn more about it using mostly internet downloadable references. As I read more about this subject I am discovering that it is a significant vulnerability of our electronics based modern society. The worst case is a high altitude EMP, HEMP, caused by a small nuclear detonation from as little as 25 miles high or up to about 400 miles high. It could be launched by a "SCUD" missile from a freighter in the Gulf of Mexico or even lofted by a large balloon akin to a weather balloon. So it might be in the capability of a non-state actor. States such as Russia, China, and North Korea could well accomplish this with their present capabilities. The effect of a solar storm could also cause an EMP, (sometimes called a Geomagnetic Disturbance GMD) of somewhat less strength than a HEMP. And it is even possible to create a Non-Nuclear EMP with equipment that could fit in a small van type truck. This was portrayed in the movie, "*Ocean's 11*".

(continued on next column)

As I learn more about EMP I am getting worried that it is a real possibility and worthy of some attention, dare I say "prepping." Here are some references I have been gathering and have partially read:

From the QST archive available to ARRL members:

1-5. D. Bodson, W4PWF, "Electromagnetic Pulse and the Radio Amateur"; Part 1, QST, Aug 1986, pp 15-20; Part 2, QST, Sep 1986, pp 22-26; Part 3, QST, Oct 1986, pp 38-41; Part 4, QST, Nov 1986, pp 30-34; "Technical Correspondence, Feedback"; QST, Apr 1987, p 59.

6. H.R. Shroeder, N2HX, "Electromagnetic Pulse and Its Implications for EmComm," QST, Nov 2009, pp 38-41.

From the website [www.empcommission.org](http://www.empcommission.org):

7. "Report of the Commission to Assess the Threat to the United States from an Electromagnetic Pulse Attack," April 2008.

Available in paperback from Amazon is a well done fictional account of an EMP's effects on a small town in North Carolina:

8. W.R. Forstchen, "One Second After," Tom Doherty Associates, LLC, ISBN 978-0-7653-5686-4, Mar 2009.

From the 2017 Defence Authorization Act,

9. Title XIX Department of Homeland Security, Section 1913, EMP and GMD planning, research

and development, and protection and preparedness; see the website:

<https://www.congress.gov/114/bills/s2943/BILLS-114s2943enr.pdf>.

## Memorial Day - Monday May 29, 2017

Memorial day is a US holiday to honor and remember those who died while serving in the military. It is a day to raise our awareness about the Nation's freedom and the price for this freedom. Every year U.S. soldiers and their families pay that price. Memorial Day is a day for reverence and honoring of those who gave their lives defending the Nation and its values. In 1971, Congress declared it a national holiday. It also marks the unofficial start to the summer season..

## APRIL 2017 AREA 2 METER NET REPORTS

NET	SESSIONS:	TOTAL CHECK-INS:	TOTAL TRAFFIC:	TOTAL TIME: Minutes	Net Manager
AARA Monday Night Net	4	72	Ø	109	KE5HSY Linda
Acadiana SkyWarn Net	3	44	Ø	90	KN5GRK Herman
Silent Key Memorial Net	4	39		54	KG5HNO Ramona
Youth Thursday Night Net	4	72	Ø	166	KF5BEW Abbi KF5FYS Kendra

"Hide not your talents, they for use were made, What's a sundial in the shade?"

— Benjamin Franklin

## AARA Monday Night 2 Meter Net Rotation

Linda Breau KE5HSY is the new AARA Monday Night Manager and she will be setting up the net rotations in the future. Each Monday will have a rotating NCS as listed below. Here is the May 2017 rotation list.

DATE:	TIME:	REPEATER:	PL TONE:	NCS
05/01/2017	7:00 PM	145.410 Lydia	NONE	Danny KD5JSM
05/08/2017	7:00 PM	443.000 W5DDL	103.5	Paul N5KNY
05/15/2017	7:00 PM	146.820 W5DDL	103.5	Eric KG5JHP
05/22/2017	7:00 PM	147.040 W5EXI	103.5	Chris KG5MCY
05/29/2017	7:00 PM	146.820 W5DDL	103.5	Glen KD5NVC

When using the SkyWarn 145.370 repeater, be sure to use the receiver PL Tone for your area as follows:

NW Quadrant 114.8 - NE Quadrant 127.3 - SW Quadrant 141.3 - SE Quadrant 94.8 - Central 103.5

The May 2017 schedule can be downloaded and printed in Adobe Acrobat .PDF from the club website at:

<http://www.w5ddl.org/clubsite/news.htm>



### UPCOMING BIRTHDAYS

5/6	W4HVH	JOHN
5/7	N5WE	CHARLES
5/11	KC5VDK	DEBORAH
5/15	W5KB	KEITH
5/17	KB5TWL	MITCH
5/18	LINDA	KE5HSY
5/23	HERMAN	N5BMD
5/24	RAMONA	KG5HNO
5/25	PRISCILLIA	K5PCL
5/26	KATHY	KD5TJZ
6/5	KAREN	KE5RPI
6/6	MARK	KE5NTW

## 2017 ARRL Field Day is June 24-25



Field Day is ham radio's open house. Every June, more than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Field Day has been an annual event since 1933, and remains the most popular event in ham radio.

### Objective-

To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries.

Some members failed to put their birthdays on their applications for renewal / membership causing some names to be missing from the list.



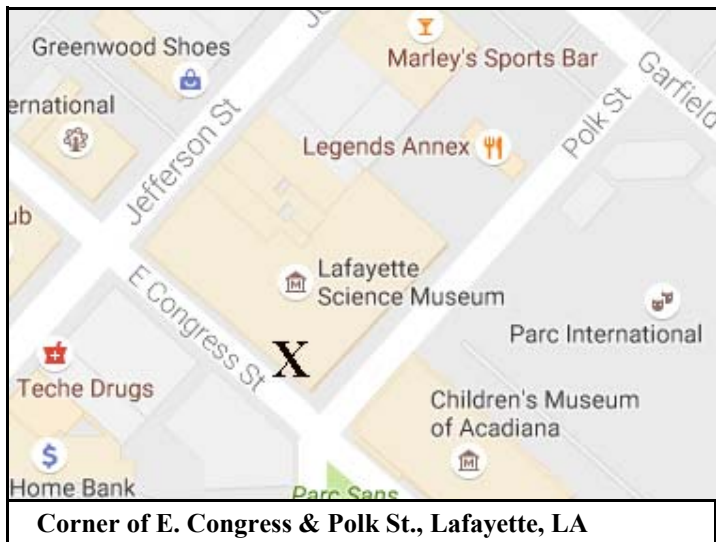
Sunday May 14, 2017

**Acadiana Amateur Radio Assoc., Inc.**

**P. O. Box 51174**

**Lafayette, LA 70505-1174**

**Website:** <http://www.w5ddl.org>



Share the Fun -  
Bring a Friend to be a  
HAM !



COMPLIMENTARY  
ISSUE

## AARA GENERAL MEETING

**Thursday May 4, @ 7:00 PM**

**VE Testing @ 6:00 PM**

**Lafayette Science Museum**

Check 146.820 PL 103.5 - repeater for info.

Join our **“Lunch Bunch”** each Wednesday around noon at the Golden Corral on Ambassador Caffery.

## Beef Stew with Root Vegetables

<http://www.foodnetwork.com/recipes/ree-drummond/beef-stew-with-root-vegetables-recipe>

### Ingredients:

- |                                   |   |
|-----------------------------------|---|
| 3 tablespoons olive oil           | 1 1/2 teaspoons sugar                     |
| 1 tablespoons butter              | 1/2 teaspoon paprika                      |
| 2 pounds beefstew meat            | 1/2 teaspoon kosher salt                  |
| 3 cloves garlic, minced           | freshly ground black pepper               |
| 1 medium diced onion              | 2 carrots, roughly sliced                 |
| 1 can or bottle beer              | 2 parsnips, roughly sliced                |
| 4 cups beef broth, more if needed | 1 small turnip, roughly sliced            |
| 1 tablespoon Worcestershire sauce | 2 tablespoons all-purpose flour, optional |
| 2-3 tablespoons tomato paste      | minced fresh parsley, for garnish         |

### Directions:

Heat the oil and butter in a pan and brown the beef. Remove the beef from the pan, throw in the garlic and onions and cook until softened, about 3 minutes. Pour in the beer, beef broth, Worcestershire sauce, tomato paste, sugar, paprika, salt and some pepper. Then return the beef to the pan, cover and simmer on a low heat until the meat is very tender, 1 1/2 to 2 hours. If the liquid level gets too low, add more broth as needed.

Add the carrots, parsnips and turnips and continue to simmer until the vegetables are tender and the liquid is reduced, about 30 minutes.

If the stew is still too liquidy, remove a cup of cooking liquid from the pan and stir in the flour. Add the flour mixture back into the pan and stir. Simmer for 10 minutes until the stew is thick. The meat should be very tender; if it's tough, let it continue to cook.

To finish, add the parsley and stir through the stew.

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## FCC Information Service

Toll Free (WATS) for Amateur Radio license inquiries about new/vanity call signs: 1-888-225-5322 This will connect you the FCC National Call Center, handled by the FCC's Consumer Information Bureau. Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at: 202-414-1250 or:

[ulscomm@fcc.gov](mailto:ulscomm@fcc.gov).

FCC Website:

<http://wireless.fcc.gov/uls/>

New call sign information can also be obtained from the ARRL/VEC at 860-594-3000.

<http://www.arrl.org/arrlvec>

The mailing address to the FCC is:

Federal Communications Commission,  
445 12th Street SW  
Washington, DC 20554